



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
*We make Indiana a cleaner, healthier place to live.*

Mitchell E. Daniels, Jr.  
 Governor

Thomas W. Easterly  
 Commissioner

Decmeber 19, 2007

Northwest Regional Office  
 8315 Virginia Street, Suite 1  
 Merrillville, Indiana 46410  
 (219) 757-0265  
 (888) 209-8892 Toll Free  
 (219) 757-0267 FAX  
[www.IN.gov/idem](http://www.IN.gov/idem)

VIA CERTIFIED MAIL 7002 0510 0002 5836 6345

Kenneth L. Mentzel  
 U. S. Steel, Gary Works  
 1 North Broadway  
 Gary, IN 46402

RE: Referral to the Office of Enforcement  
 U.S. Steel, Gary Works  
 Plant ID Number: 089-00121  
 Gary, Lake County

Dear Mr. Mentzel:

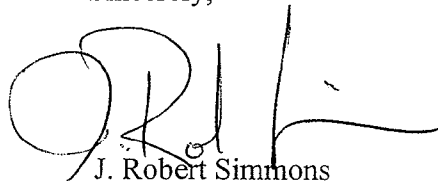
The First (1<sup>st</sup>) Quarter 2007 Reports (January 1, 2007 through March 31, 2007) submitted by you on April 25, 2007, identified the following deviations:

- (1) Deviation with Permit Section D.2.4 (c)(2): On January 23, and 24, 2007 the allowable visible emissions for coke oven pushes (20% opacity) were exceeded during IDEM compliance monitoring at No. 2 Coke Battery. A Violation Letter was issued on February 11, 2007.
- (2) Deviation with Permit Section D.2.4 (c)(2): On March 26, 2007 the allowable visible emissions for coke oven pushes (20% opacity) was exceeded (36.7%) during compliance monitoring at No. 5 Coke Battery.
- (3) Deviation with Permit Section D.2.4 (c)(2): On March 27, 2007 the allowable visible emissions for coke oven pushes (20% opacity) was exceeded (27.5%) during compliance monitoring at No. 5 Coke Battery.
- (4) Permit Condition D.2.4(a) and D.2.5(e): On February 28, 2007 the allowable visible emissions for coke oven door (10%) was exceeded (11.5%) during a Method 303 inspection of No. 5 Coke Battery.
- (5) Permit Condition C.1(a): On February 06, 2007 the (20%) opacity six (6) minute average opacity limit was exceeded (25.4%) during compliance monitoring at No. 8 Blast Furnace.
- (6) Permit Condition C.1(a): On March 14, 2007 the (20%) opacity six (6) minute average opacity limit was exceeded (21.2% and 34.2%) during compliance monitoring at No. 14 Blast Furnace.
- (7) Permit Condition D.8.4(b) and D.8.15: On February 12, 2007 the allowable roof monitor visible emissions of No. 1 BOF Shop (20% opacity 3 minute average) was exceeded (25.4%) during compliance monitoring.

- (8) Permit Condition D.8.4(b) and D.8.15: On February 23, 2007 the allowable roof monitor visible emissions of No. 1 BOF Shop (20% opacity 3 minute average) was exceeded (22.9%) during compliance monitoring.
- (9) Permit Condition D.9.4(c) and D.9.17: On January 15, 2007 the allowable roof monitor visible emissions of No. 2 Q-BOF Shop (20% opacity 3 minute average) was exceeded (31.6%) during compliance monitoring.

This matter has been referred to IDEM's Office of Enforcement for appropriate action. If formal action is initiated, you will be issued a notice of violation informing you of how to proceed in resolving this matter. Please direct any response to this letter and any questions to Dave Sampias at 219/757-0291.

Sincerely,

A handwritten signature in black ink, appearing to read 'JRS', with a long horizontal flourish extending to the right.

J. Robert Simmons  
Deputy Director  
Northwest Regional Office

cc: Office of Enforcement  
JRS/dcs  
File



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VIA CERTIFIED MAIL 7002 0510 0002 5836 6315

Kenneth L. Mentzel  
U. S. Steel, Gary Works  
1 North Broadway  
Gary, IN 46402

RE: Referral to the Office of Enforcement  
U.S. Steel, Gary Works  
Plant ID Number: 089-00121  
Gary, Lake County

Dear Mr. Mentzel:

The Second (2nd) Quarter 2007 Reports (April 1, 2007 through June 30, 2007) submitted by you on July 25, 2007, identified the following deviations:

- (1) Permit Condition D.8.4(b) and D.8.15: On April 10, 2007 the allowable roof monitor visible emissions from No.1 BOF Shop (20% opacity 3 minute average) was exceeded (72.1% and 78.7%) during compliance monitoring.
- (2) Permit Condition D.8.4(c): On May 18, 2007 the allowable gas cleaner stack visible emissions of No. 1 BOF Shop 20% opacity 6 minute average) was exceeded (27.1%) during compliance monitoring.
- (3) Permit Condition D.2.4(e)(1): On April 26, 2007 the allowable visible emissions for coke oven offtake leaks (5%) was exceeded (6.98%) during a Method 303 inspection of No. 2 Coke Battery.
- (4) Permit Condition D.2.4(e)(1): On May 04, 2007 the allowable visible emissions for coke oven offtake leaks (5%) was exceeded (5.81%) during a Method 303 inspection of No. 2 Coke Battery.
- (5) Permit Condition D.2.4(a) and D.2.5(e): On May 08, 2007 the allowable visible emissions for coke oven door (10%) was exceeded (11.0%) during a Method 303 inspection of No. 7 Coke Battery.
- (6) Permit Condition D.2.4(c)(2): On May 13, 2007 the allowable visible emissions for coke oven pushes (20% opacity) was exceeded (32.5%) during compliance monitoring at No. 5 Coke Battery.
- (7) Permit Condition D.2.4(c)(2): On June 28, 2007 the allowable visible emissions for coke oven pushes (20% opacity) was exceeded (25.8%) during compliance monitoring at No. 5 Coke Battery.

- (8) Permit Condition D.2.26: On June 24, 2007 the allowable visible emissions for coke oven batteries was exceeded under the National Emissions Standards of Hazardous Air Pollutants (NESHAP) for Coke Oven Batteries.

This matter has been referred to IDEM's Office of Enforcement for appropriate action. If formal action is initiated, you will be issued a notice of violation informing you of how to proceed in resolving this matter. Please direct any response to this letter and any questions to Dave Sampias at 219/757-0291.

Sincerely,

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J. Robert Simmons  
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